

ABSTRACT OF THE DISCLOSURE

A dichroic prism 10 according to the present invention comprises first to fourth right angle prisms 12, 14, 16 and 18 respectively having first side faces 28, 34, 40 and 46, and second side faces 30, 36, 42 and 48, the side faces being arranged perpendicular to each other. A second bonded face 22 and a fourth bonded face 26, each having a dichroic film for a second color light, are arranged on the same plane. The first bonded face 20 and a third bonded face 26, each having the dichroic film for a first color light, are deviated by a predetermined distance. The distance of this deviation is adjusted so that an image formed by the light having reference image information corresponds to the image of the reference image information. The light is made incident on and reflected by the first bonded face and the third bonded face. Therefore, an appropriate image quality can be obtained without depending on a right angle precision.